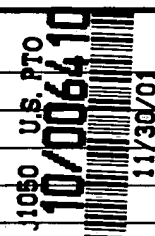


Under the Paperwork Reduction Act of 1985, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form PTO-1449A/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	Not yet assigned	
			Filing Date	Submitted Herewith	
			First Named Inventor	Barbut et al.	
			Group Art Unit	Not yet assigned	
			Examiner Name	Not yet assigned	
Sheet	1	of	4	Attorney Docket Number	269/089

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
✓	AA	3,701,433		Krakauer et al.	10/72	
	AB	4,494,531		Gianturco	01/85	
	AC	4,572,724		Rosenberg et al.	02/86	
	AD	4,619,246		Molgaard-Nielsen et al.	10/86	
	AE	4,688,553		Metals	08/87	
	AF	4,832,055		Palestrant	05/89	
	AG	4,873,978		Ginsburg	10/89	
	AH	4,955,895		Sugiyama	09/90	
	AI	4,969,891		Gewertz	11/90	
	AJ	5,053,008		Bajaj	10/91	
	AK	5,133,733		Rasmussen et al.	07/92	
	AL	5,147,379		Sabbaghian et al.	09/92	
	AM	5,300,086		Gory et al.	04/94	
	AN	5,329,942		Gunther et al.	07/94	
	AO	5,330,451		Gabbay	07/94	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ² (if known)				
✓	AP		3417738 A1		Germany	11/85		
	AQ		2,567,405		France	07/84		
	AR		9301980		Brazil	10/93		
	AS		EP0791340		EPO	08/97		
✓	AT		WO97/17100		PCT	05/97		
	AU		764684		Soviet Union	09/80		
	AV							
	AW							
	AX							
	AY							
	AZ							

Examiner Signature	<i>[Signature]</i>	Date Considered	8/10/83
--------------------	--------------------	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached kinds of U.S. Patent Documents. ³ Enter Office that issued the document by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual. The amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington

EXPRESS MAILING LABEL
EL494995622US



Under the Paperwork Reduction Act of 1985, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form PTO-1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	Not yet assigned
				Filing Date	Submitted Herewith
				First Named Inventor	Barbut et al.
				Group Art Unit	Not yet assigned
				Examiner Name	Not yet assigned
Sheet	2	of	4	Attorney Docket Number	269/089

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
[Handwritten mark]	BA	5,370,657		Irie	12/94	
	BB	5,370,685		Stevens	12/94	
	BC	5,375,612		Cottenceau et al.	12/94	
	BD	5,383,887		Nadal	01/95	
	BE	5,415,630		Gory et al.	05/95	
	BF	4,723,549		Wholey et al.	02/88	
	BG	5,599,329		Gabbay	02/97	
	BH	5,695,519		Summers et al.	12/97	
	BI	5,152,777		Goldberg et al.	12/97	
	BJ	5,549,626		Miller et al.	08/96	
	BK	4,425,908		Simon	01/84	
	BL	3,472,230		Fogarty	10/69	
	BM	6,179,859		Bates et al.	01/01	
	BN					
	BO					

FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ² (if known)				
	BP							
	BQ							
	BR							
	BS							
	BT							
	BU							
	BV							
	BW							
	BX							
	BY							
	BZ							

Examiner Signature	<i>[Handwritten Signature]</i>	Date Considered	<i>8/12/03</i>
-----------------------	--------------------------------	--------------------	----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached kinds of U.S. Patent Documents. ³ Enter Office that issued the document by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serialnumber of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1985, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form PTO-1449A/PTO		Complete if Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	Not yet assigned		
		Filing Date	Submitted Herewith		
		First Named Inventor	Barbut et al.		
		Group Art Unit	Not yet assigned		
		Examiner Name	Not yet assigned		
Sheet	3	of	4	Attorney Docket Number	269/089

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
W	CA	BARBUT ET AL., "Cerebral Emboli Detected During Bypass Surgery Are Associated With Clamp Removal," <i>Stroke</i> <u>25</u> (12):2398-2402 (1994)	
	CB	BARBUT ET AL., "Comparison of Transcranial Doppler Ultrasonography and Transesophageal Echocardiography to Monitor Emboli During Coronary Artery Bypass Surgery," <i>Stroke</i> <u>27</u> (1):87-90 (1996)	
	CC	BARBUT ET AL., "Aortic Atheromatosis and Risks of Cerebral Embolization," <i>Journal of Cardiothoracic and Vascular Anesthesia</i> <u>10</u> (1):24-30 (1996)	
	CD	CASCUDO ET AL., "Myxoma of the Right Atrium," <i>Arquivos Brasileiros de Cardiologia</i> <u>56</u> (5):389-391 (1991)	
	CE	CULLIFORD ET AL., "The Atherosclerotic Ascending Aorta and Transverse Arch: A New Technique to Prevent Cerebral Injury during Bypass: Experience with 13 Patients," <i>The Annals of Thoracic Surgery</i> <u>41</u> (1):27-35 (1986)	
	CF	DAMÁSIO ET AL., "Multiple Cerebral Aneurysms and Cardiac Myxoma," <i>Arch. Neurol.</i> <u>32</u> :269-270 (1975)	
	CG	DA SILVA ET AL., "Postinfarction ventricular septal defect," <i>J. Thorac. Cardiovasc. Surg.</i> <u>97</u> :86-89 (1989)	
	CH	DA SILVA ET AL., "Heart-lung transplantation. Initial clinical experience," <i>Arquivos Brasileiros de Cardiologia</i> <u>57</u> (2):103-108 (1991)	
	CI	DA SILVA ET AL., "Heart and Unilateral Lung Transplantation for Cardiomyopathy With High Pulmonary Vascular Resistance," <i>Ann. Thorac. Surg.</i> <u>53</u> :700-702 (1992)	
	CJ	DA SILVA ET AL., "The Heart-lung transplant. Initial clinical experience," <i>Revista Portuguesa de Cardiologia</i> <u>12</u> (1):9, 51-5 (1993)	
W	CK	DA SILVA ET AL., "Heterotopic heart transplantation: A direct pulmonary artery anastomosis technique," <i>The Journal of Thoracic and Cardiovascular Surgery</i> <u>108</u> (4):795 (1994)	

Examiner Signature	<i>R. TRUON</i>	Date Considered	<i>8/12/03</i>
--------------------	-----------------	-----------------	----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached kinds of U.S. Patent Documents. ³ Enter Office that issued the document by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serialnumber of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Under the Paperwork Reduction Act of 1985, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form PTO-1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	Not yet assigned		
		Filing Date	Submitted Herewith		
		First Named Inventor	Barbut et al.		
		Group Art Unit	Not yet assigned		
		Examiner Name	Not yet assigned		
Sheet	4	of	4	Attorney Docket Number	269/089

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
12	CL	FORNARI ET AL., "High-resolution electrocardiogram in the study of early rejection of heart transplant by spectral temporal mapping," <i>Arquivos Brasileiros de Cardiologia</i> 60(3):183-185 (1993)	
	CM	LAZOR ET AL., "Use of the Multiple Uptake Gated Acquisition Scan for the Preoperative Assessment of Cardiac Risk," <i>Surgery, Gynecology & Obstetrics</i> 167:234-238 (1988)	
	CN	MILLS ET AL., "Atherosclerosis of the ascending aorta and coronary artery bypass," <i>J. Thoracic Cardiovasc. Surg.</i> 102(4):546-553 (1991)	
	CO	SCHNEIDER, "Particulate Emboli Retained by Bypass Blood Filters," <i>Scand. J. Haemat.</i> 12:185-203 (1974)	
	CP	VAN DER LINDEN ET AL., "When Do Cerebral Emboli Appear During Open Heart Operations? A Transcranial Doppler Study," <i>Ann. Thorac. Surg.</i> 51:237-241 (1991)	
12	CQ	YAO ET AL., "Detection of Aortic Emboli by Transesophageal Echocardiography During Coronary Bypass Surgery," ASA Abstract No. 126, <i>Anesthesiology</i> 83(3) (1995)	
	CR		
	CS		
	CT		
	CU		
	CV		

Examiner Signature	<i>R. T. P. U. N. K.</i>	Date Considered	8/10/03
--------------------	--------------------------	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached kinds of U.S. Patent Documents. ³ Enter Office that issued the document by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.